



Data	STATE 0			STATE 1	
	Code	Next		Code	Next
0	10100*	0		00100*	0
1	101000	1		001000	1
2	101001	1		001001	1
3	10010*	0		01010*	0
4	100100	1		010100	1
5	100101	1		010101	1
6	101010	0		00010*	0
7	101010	1		000100	1
8	100010	0		000101	1
9	100010	1		01000*	0
10	10000*	0		010000	1
11	10000*	1		010001	1
12	000010	0		001010	0
13	000010	1		001010	1
14	00000*	0		010010	0
15	00000*	1		010010	1

FIG. 1

Conversion state	2T repetition limiting method
Sequence of "10*" (end) + "00000*"	* is always set to "1"
Two data "6" of STATE 0 continue	"100100" and "00000*" are assigned, and STATE 0 is designated as next STATE
Two data "5" of STATE 0 continue	"100100" and "00000*" are assigned, and STATE 1 is designated as next STATE

FIG. 2

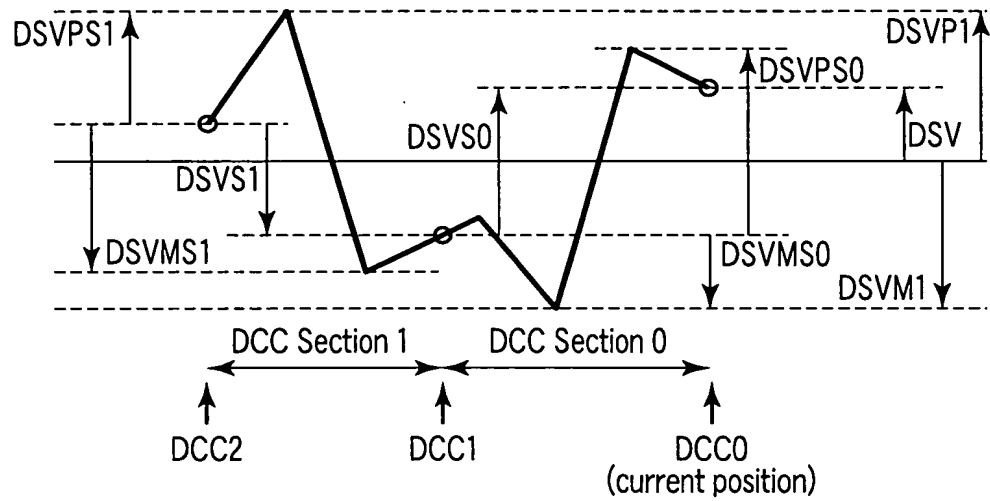


FIG. 3

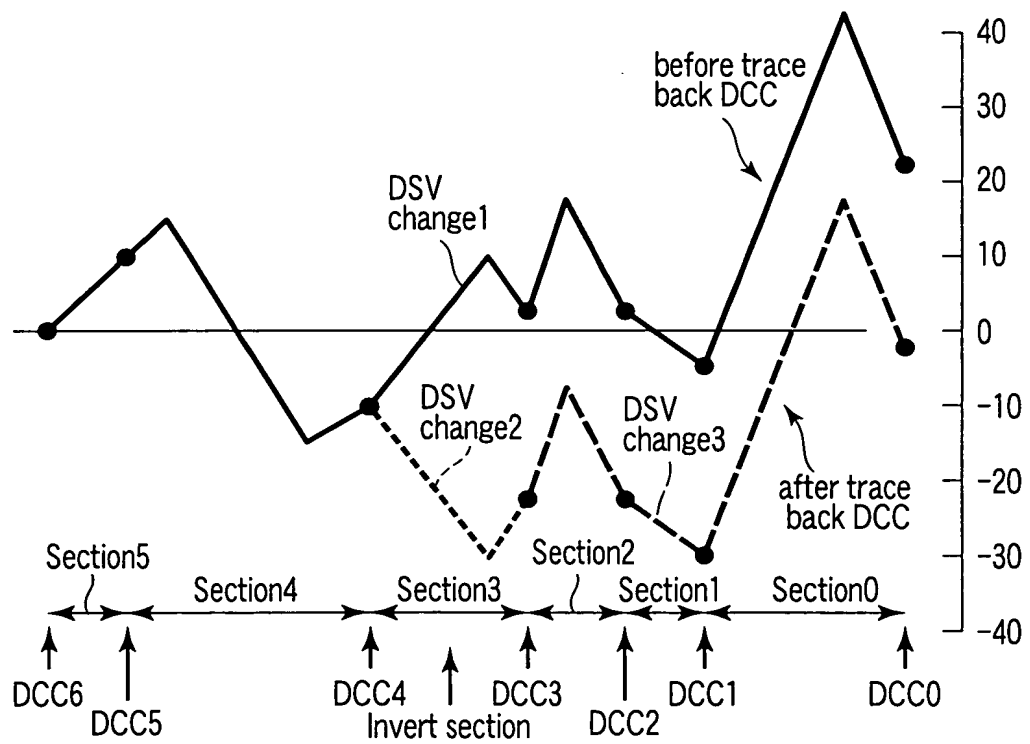


FIG. 4

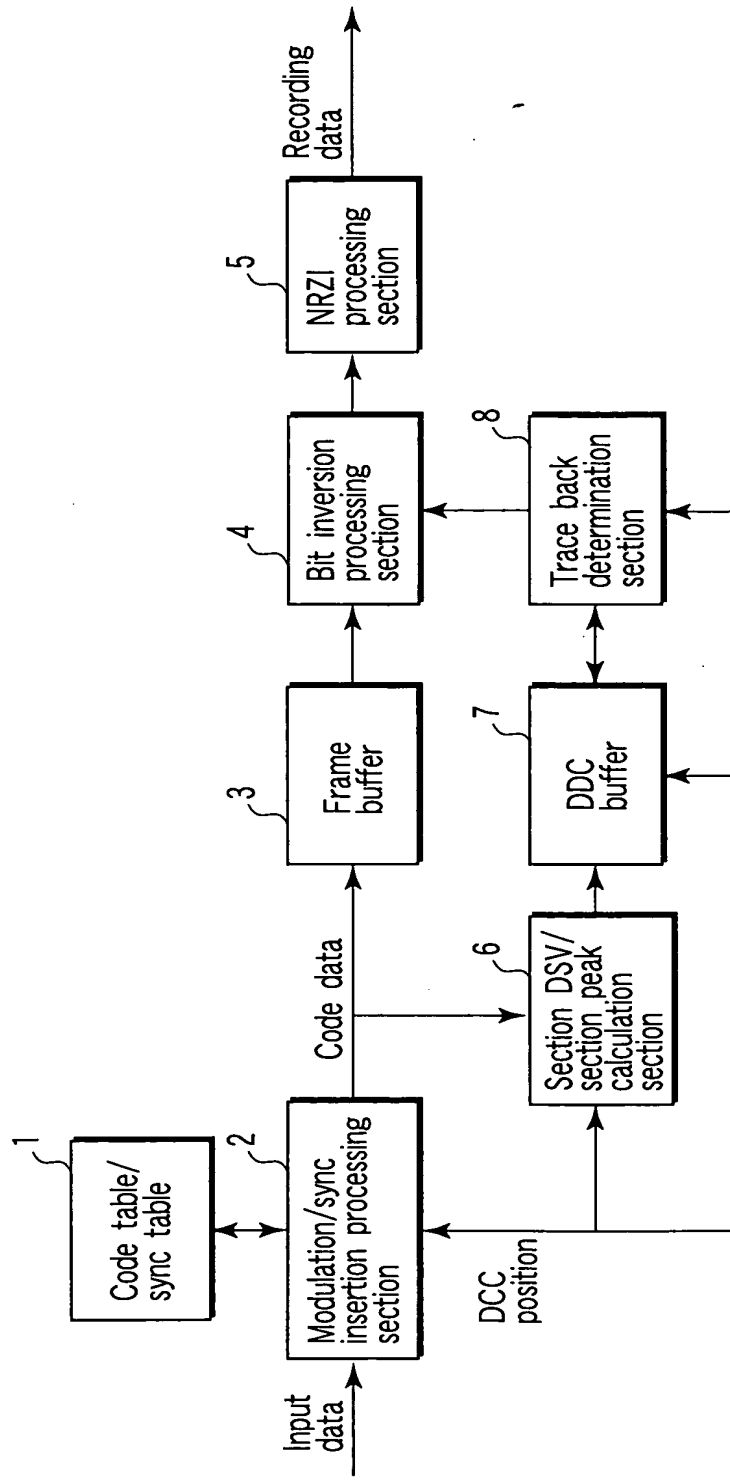


FIG. 5

Run length	Number of times of occurrence	Occupation amount	Occurrence frequency	Occupation ratio
1T	0	0	0.0%	0.0%
2T	16441037	32882074	38.4%	22.5%
3T	10779337	32338011	25.1%	22.1%
4T	6926478	27705912	16.2%	18.9%
5T	3741146	18705730	8.7%	12.8%
6T	2520047	15120282	5.9%	10.3%
7T	1265335	8857345	3.0%	6.1%
8T	644226	5153808	1.5%	3.5%
9T	286904	2582136	0.7%	1.8%
10T	132286	1322860	0.3%	0.9%
11T	0	0	0.0%	0.0%
12T	131040	1572480	0.3%	1.1%
13T	0	0	0.0%	0.0%
TOTAL	42867836	146240638	100.0%	100.0%

FIG. 6

Run length	Number of times of occurrence	Occupation amount	Occurrence frequency	Occupation ratio
1T	6130332	6130332	60.4%	37.3%
2T	2487589	4975178	24.5%	30.3%
3T	975148	2925444	9.6%	17.8%
4T	387184	1548736	3.8%	9.4%
5T	128157	640785	1.3%	3.9%
6T	31425	188550	0.3%	1.1%
7T	4548	31836	0.0%	0.2%
8T	22	176	0.0%	0.0%
9T	0	0	0.0%	0.0%
10T	0	0	0.0%	0.0%
TOTAL	10144405	16441037	100.0%	100.0%

FIG. 7

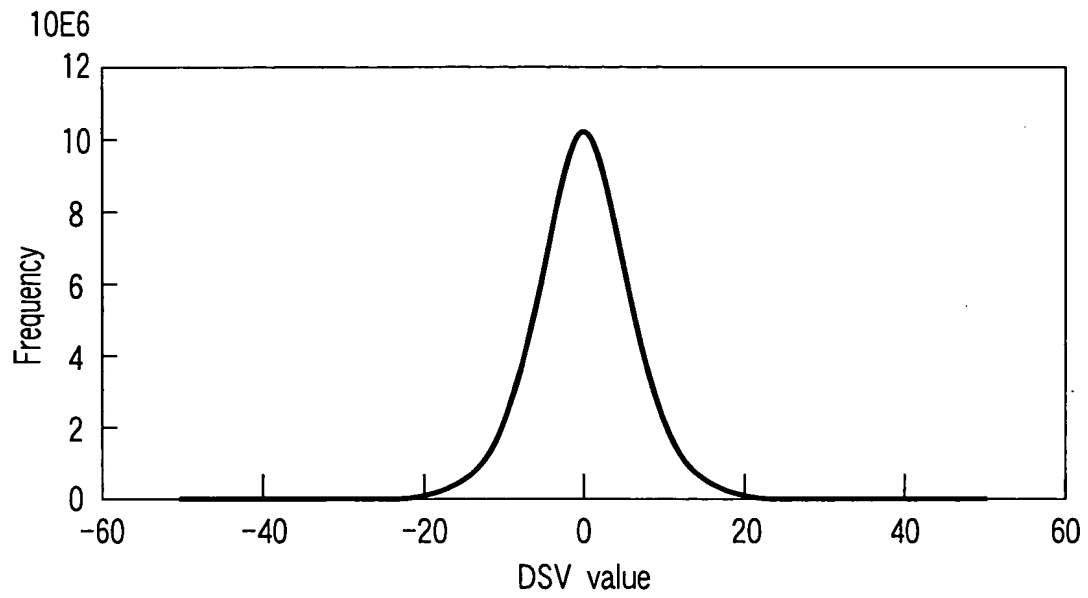


FIG. 8

Minimum value	Maximum value	Average value	Distribution
-45	49	-0.037	37.64

FIG. 9